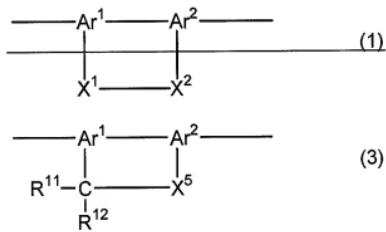


**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions and listings of claims in the application:

**LISTING OF CLAIMS:**

1. (currently amended): A polymer light emitting material comprising a compound exhibiting light emission from the triplet excited state in the form of a composition with a polymer compound having a repeating unit represented by the formula (1) formula (3) and having a polystyrene-reduced number-average molecular weight of  $10^3$  to  $10^8$ ,



[wherein Ar<sup>1</sup> and Ar<sup>2</sup> each independently represent a trivalent aromatic hydrocarbon group or a trivalent heterocyclic group having adjacent carbon atoms;

R<sup>11</sup> and R<sup>12</sup> each independently represent a hydrogen atom, halogen atom, alkyl group, aryl group, arylalkyl group or monovalent heterocyclic group; R<sup>11</sup> and R<sup>12</sup> may mutually be connected to form a ring; and

X<sup>5</sup> represents X<sup>1</sup> and X<sup>2</sup> each independently represent O, S, C(=O), S(=O), SO<sub>2</sub>, C(R<sup>1</sup>)(R<sup>2</sup>), Si(R<sup>3</sup>)(R<sup>4</sup>), N(R<sup>5</sup>), B(R<sup>6</sup>), P(R<sup>7</sup>) or P(=O)(R<sup>8</sup>), (wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup> and R<sup>8</sup> each independently represent a hydrogen atom, halogen atom, alkyl group, alkoxy group, alkylthio group, aryl group, aryloxy group, arylthio group, arylalkyl group, arylalkoxy group,

arylalkylthio group, acyl group, acyloxy group, amide group, acid imide group, imine residue, amino group, substituted amino group, substituted silyl group, substituted silyloxy group, substituted silylthio group, substituted silylamino group, monovalent heterocyclic group, heteroaryloxy group, heteroarylthio group, arylalkenyl group, arylethynyl group, carboxyl group, alkoxycarbonyl group, aryloxycarbonyl group, arylalkyloxycarbonyl group, heteroaryloxycarbonyl group or cyano group];

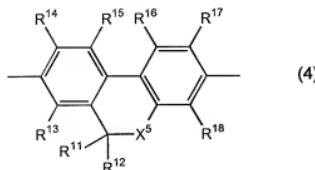
(R<sup>4</sup> and R<sup>2</sup>) or (R<sup>3</sup> and R<sup>4</sup>) may mutually be connected to form a ring); wherein X<sup>4</sup> and X<sup>2</sup> are not the same;

X<sup>1</sup> and Ar<sup>2</sup> bond to adjacent carbon atoms in the aromatic ring of Ar<sup>4</sup>, and X<sup>2</sup> and Ar<sup>4</sup> bond to adjacent carbon atoms in the aromatic ring of Ar<sup>2</sup>.

2. (canceled).

3. (canceled).

4. (currently amended): The polymer light emitting material according to Claim 3  
Claim 1, wherein the repeating unit represented by the formula (3) defined above is a repeating unit represented by following formula (4):

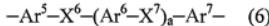


[wherein X<sup>5</sup>, R<sup>11</sup> and R<sup>12</sup> represent the same meaning as defined above;

$R^{13}$ ,  $R^{14}$ ,  $R^{15}$ ,  $R^{16}$ ,  $R^{17}$  and  $R^{18}$  each independently represent a hydrogen atom, halogen atom, alkyl group, alkyloxy group, alkylthio group, aryl group, aryloxy group, arylthio group, arylalkyl group, arylalkyloxy group, arylalkylthio group, acyl group, acyloxy group, amide group, acid imide group, imine residue, amino group, substituted amino group, substituted silyl group, substituted silyloxy group, substituted silylthio group, substituted silylaminogroup, monovalent heterocyclic group, heteroaryloxy group, heteroarylthio group, arylalkenyl group, arylethynyl group, carboxyl group, alkoxycarbonyl group, aryloxycarbonyl group, arylalkyloxycarbonyl group, heteroaryloxycarbonyl group or cyano group; and  $(R^{14}$  and  $R^{15}$ ) or ( $R^{16}$  and  $R^{17}$ ) may mutually be connected to form a ring].

5. (original): The polymer light emitting material according to Claim 4 wherein  $X^5$  is an oxygen atom.

6. (previously presented): The polymer light emitting material according to Claim 1, further having a repeating unit represented by the following formula (5), (6), (7) or (8):



[wherein  $\text{Ar}^5$ ,  $\text{Ar}^6$  and  $\text{Ar}^7$  each independently represent an arylene group, divalent heterocyclic group or divalent group having a metal complex structure;

$\text{X}^6$  represents  $-\text{C}\equiv\text{C}-$ ,  $-\text{N}(\text{R}^{21})-$  or  $-(\text{SiR}^{22}\text{R}^{23})_b-$ ;

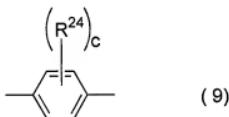
$\text{X}^7$  represents  $-\text{CR}^{19}=\text{CR}^{20}-$ ,  $-\text{C}\equiv\text{C}-$ ,  $-\text{N}(\text{R}^{21})-$  or  $-(\text{SiR}^{22}\text{R}^{23})_b-$ ;

R<sup>19</sup> and R<sup>20</sup> each independently represent a hydrogen atom, alkyl group, aryl group, monovalent heterocyclic group, carboxyl group, alkoxy carbonyl group, aryloxycarbonyl group, arylalkyloxycarbonyl group, heteroaryloxycarbonyl group or cyano group;

R<sup>21</sup>, R<sup>22</sup> and R<sup>23</sup> each independently represent a hydrogen atom, alkyl group, aryl group, monovalent heterocyclic group or arylalkyl group; and

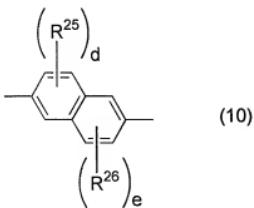
a represents an integer of 0 or 1 and b represents an integer of 1 to 12].

7. (previously presented): The polymer light emitting material according to Claim 6 wherein the formula (5) is a repeating unit represented by the following formula (9), (10), (12), (13) or (14):



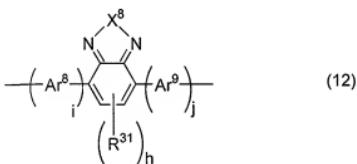
[wherein R<sup>24</sup> represents a halogen atom, alkyl group, alkyloxy group, alkylthio group, aryl group, aryloxy group, arylthio group, arylalkyl group, arylalkyloxy group, arylalkylthio group, acyl group, acyloxy group, amide group, acid imide group, imine residue, amino group, substituted amino group, substituted silyl group, substituted silyloxy group, substituted silylthio group, substituted silylamino group, monovalent heterocyclic group, heteroaryloxy group, heteroarylthio group, arylalkenyl group, arylethynyl group, carboxyl group, alkoxy carbonyl group, aryloxycarbonyl group, arylalkyloxycarbonyl group, heteroaryloxycarbonyl group or cyano group;

c represents an integer of 0 to 4];



[wherein R<sup>25</sup> and R<sup>26</sup> each independently represent a halogen atom, alkyl group, alkyloxy group, alkylthio group, aryl group, aryloxy group, arylthio group, arylalkyl group, arylalkyloxy group, arylalkylthio group, acyl group, acyloxy group, amide group, acid imide group, imine residue, amino group, substituted amino group, substituted silyl group, substituted silyloxy group, substituted silylthio group, substituted silylamino group, monovalent heterocyclic group, heteroaryloxy group, heteroarylthio group, arylalkenyl group, arylethynyl group, carboxyl group, alkoxy carbonyl group, aryloxycarbonyl group, arylalkyloxycarbonyl group, heteroaryloxycarbonyl group or cyano group;

d and e each independently represent an integer of 0 to 3];



[wherein R<sup>31</sup> represents a halogen atom, alkyl group, alkyloxy group, alkylthio group, aryl group, aryloxy group, arylthio group, arylalkyl group, arylalkyloxy group, arylalkylthio group, acyl group, acyloxy group, amide group, acid imide group, imine residue, amino group, substituted amino group, substituted silyl group, substituted silyloxy group, substituted silylthio group, substituted silylamino group, monovalent heterocyclic group, heteroaryloxy group,

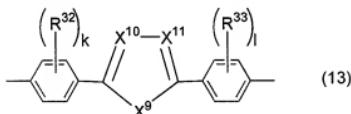
heteroarylthio group, arylalkenyl group, arylethynyl group, carboxyl group, alkoxy carbonyl group, aryloxycarbonyl group, arylalkyloxycarbonyl group, heteroaryloxycarbonyl group or cyano group;

h represents an integer of 0 to 2;

Ar<sup>8</sup> and Ar<sup>9</sup> each independently represent an arylene group, divalent heterocyclic group or divalent group having a metal complex structure;

i and j each independently represent an integer of 0 or 1;

X<sup>8</sup> represents O, S, SO, SO<sub>2</sub>, Se or Te];



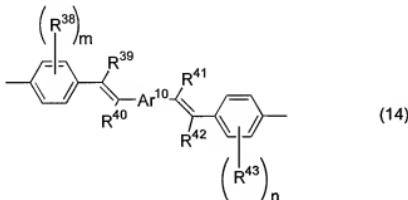
[wherein R<sup>32</sup> and R<sup>33</sup> each independently represent a halogen atom, alkyl group, alkoxy group, alkylthio group, aryl group, aryloxy group, arylthio group, arylalkyl group, arylalkyloxy group, arylalkylthio group, acyl group, acyloxy group, amide group, acid imide group, imine residue, amino group, substituted amino group, substituted silyl group, substituted silyloxy group, substituted silylthio group, substituted silylamino group, monovalent heterocyclic group, heteroaryloxy group, heteroarylthio group, arylalkenyl group, arylethynyl group, carboxyl group, alkoxy carbonyl group, aryloxycarbonyl group, arylalkyloxycarbonyl group, heteroaryloxycarbonyl group or cyano group;

k and l each independently represent an integer of 0 to 4;

X<sup>9</sup> represents O, S, SO, SO<sub>2</sub>, Se, Te, N-R<sup>34</sup> or SiR<sup>35</sup>R<sup>36</sup>;

X<sup>10</sup> and X<sup>11</sup> each independently represent N or C-R<sup>37</sup>;

R<sup>34</sup>, R<sup>35</sup>, R<sup>36</sup> and R<sup>37</sup> each independently represent a hydrogen atom, alkyl group, aryl group, arylalkyl group or monovalent heterocyclic group]; and



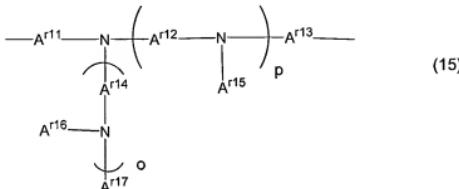
[wherein R<sup>38</sup> and R<sup>43</sup> each independently represent a halogen atoms, alkyl group, alkyloxy group, alkylthio group, aryl group, aryloxy group, arylthio group, arylalkyl group, arylalkyloxy group, arylalkylthio group, acyl group, acyloxy group, amide group, acid imide group, imine residue, amino group, substituted amino group, substituted silyl group, substituted silyloxy group, substituted silylthio group, substituted silylamino group, monovalent heterocyclic group, heteroaryloxy group, heteroarylthio group, arylalkenyl group, arylethynyl group, carboxyl group, alkoxy carbonyl group, aryloxycarbonyl group, arylalkyloxycarbonyl group, heteroaryloxycarbonyl group or cyano group;

m and n each independently represent an integer of 0 to 4;

R<sup>39</sup>, R<sup>40</sup>, R<sup>41</sup> and R<sup>42</sup> each independently represent a hydrogen atom, alkyl group, aryl group, monovalent heterocyclic group, carboxyl group, alkoxy carbonyl group, aryloxycarbonyl group, arylalkyloxycarbonyl group, heteroaryloxycarbonyl group or cyano group; and

Ar<sup>10</sup> represents an arylene group, divalent heterocyclic group or divalent group having a metal complex structure].

8. (previously presented): The polymer light emitting material according to Claim 6 wherein the repeating unit represented by the above defined formula (5) is a repeating unit represented by formula (15):



[wherein Ar<sup>11</sup>, Ar<sup>12</sup>, Ar<sup>13</sup> and Ar<sup>14</sup> each independently represent an arylene group or divalent heterocyclic group;

Ar<sup>15</sup>, Ar<sup>16</sup> and Ar<sup>17</sup> each independently represent an arylene group or monovalent heterocyclic group; and

o and p each independently represent an integer of 0 or 1, and 0≤o+p≤1].

9. (currently amended): The polymer light emitting material according to Claim 1 wherein the total amount of the repeating unit represented by the formula (1)formula (3) is 10 % by mole or more based on an amount of whole repeating units.

10. (previously presented): The polymer light emitting material according to Claim 1 further including at least one kind of materials selected from the group consisting of a hole transporting material, an electron transporting material and a light emitting material.

11. (canceled).

12. (canceled).

13. (canceled).

14. (canceled).

15. (previously presented): The polymer light emitting material according to Claim 1, wherein a compound or structure exhibiting light emission from the triplet excited state is a metal complex.

16. (previously presented): An ink composition comprising a polymer light emitting material of Claim 1.

17. (original): The ink composition according to Claim 16 having 1 to 100 mPa•s of viscosity at 25°C.

18. (previously presented): A light emitting thin film comprising a polymer light emitting material of Claim 1.

19. (previously presented): A conductive thin film comprising a polymer light emitting material of Claim 1.

20. (previously presented): An organic semiconductor thin film comprising a polymer light emitting material of Claim 1.

21. (previously presented): A polymer light emitting device having a layer comprising a polymer light emitting material of Claim 1 between electrodes consisting of an anode and a cathode.

22. (original): The polymer light emitting device according to Claim 21, wherein the light emission layer further comprises a hole transporting material, an electron transporting material or a light-emitting material.

23. (previously presented): A flat light source comprising a polymer light emitting device of Claim 21 or Claim 22.

24. (previously presented): A segment display comprising a polymer light emitting device of Claim 21 or Claim 22.

25. (previously presented): A dot matrix display comprising a polymer light emitting device of Claim 21 or Claim 22.

26. (previously presented): A liquid crystal display comprising a backlight composed of a polymer light emitting device of Claim 21 or Claim 22.

27. (previously presented): An illumination comprising a polymer light emitting device of Claim 21 or Claim 22.